

[CLAIMS]

1. A printing apparatus for printing an image on a receiving substrate, the printing apparatus comprising:
 - a first ink applicator for imagewise applying liquid ink to a first side of the receiving substrate;
 - a first drying section having a first active drying device for active drying of the receiving substrate after said first ink application;
 - a first transportation device for transporting the receiving substrate along a first path past said first ink applicator and through said first drying section; wherein said first path has a first path section between a first position at said first ink applicator and a second position downstream said first position, said first path section having first and second substantially straight portions and a first convex curve between said first and second substantially straight portions; wherein said first active drying device is for drying said receiving substrate along said first convex curve;
 - a second ink applicator, different from said first ink applicator, for imagewise applying liquid ink to a second side of the receiving substrate opposite to said first side;
 - a second drying section having a second active drying device for active drying of the receiving substrate after said second ink application;
 - a second transportation device for transporting the receiving substrate along a second path, different from said first path, past said second ink applicator and through said second drying section;
 - a take-over section for transferring said receiving substrate from said first path to said second path.
2. A printing apparatus for printing an image on a receiving substrate, the printing apparatus comprising:
 - a first ink applicator for imagewise applying liquid ink to a first side of the receiving substrate;
 - a first drying section having a first active drying device for active drying of the receiving substrate after said first ink

application;

- a first transportation device for transporting the receiving substrate along a first path past said first ink applicator and through said first drying section;

wherein said first path has a first path section between a first position at said first ink applicator and a second position downstream said first position, said first path section having first, second and third substantially straight portions, a first convex curve between said first and second substantially straight portions and a second convex curve between said second and third substantially straight portions;

wherein said first active drying device is for drying said receiving substrate along said first and said second convex curves.

3. The printing apparatus according to claim 1 wherein said first transportation device comprises a vacuum belt.
4. The printing apparatus according to claim 2 wherein said first transportation device comprises a vacuum belt.
5. The printing apparatus according to claim 1 wherein said first transportation device comprises a printing-transportation device for transporting the receiving substrate past said first ink applicator and a drying-transportation device for transporting the receiving substrate through said first drying section, wherein said printing apparatus further comprises a first driving device for driving said printing-transportation device and a second driving device for driving said drying-transportation device, and wherein said first driving device is different from said second driving device.
6. The printing apparatus according to claim 2 wherein said first transportation device comprises a printing-transportation device for transporting the receiving substrate past said first ink applicator and a drying-transportation device for transporting the receiving substrate through said first drying section, wherein said printing apparatus further comprises a first driving

device for driving said printing-transportation device and a second driving device for driving said drying-transportation device, and wherein said first driving device is different from said second driving device.

7. The printing apparatus according to claim 1 wherein said printing apparatus is an ink-jet printer.
8. The printing apparatus according to claim 2 wherein said printing apparatus is an ink-jet printer.
9. The printing apparatus according to claim 1 wherein said receiving substrate is a separate sheet.
10. The printing apparatus according to claim 2 wherein said receiving substrate is a separate sheet.
11. A method for producing an image on a receiving substrate in a printing apparatus, comprising the steps of:
 - a. imagewise applying liquid ink to a first side of the receiving substrate;
 - b. subsequently transporting the receiving substrate along a first substantially straight portion;
 - c. subsequently transporting the receiving substrate along a first convex curve while actively drying the receiving substrate;
 - d. subsequently imagewise applying liquid ink to a second side of the receiving substrate opposite to said first side;
 - e. subsequently transporting the receiving substrate along a second substantially straight portion;
 - f. subsequently transporting the receiving substrate along a second convex curve, different from said first convex curve, while actively drying the receiving substrate.
12. A method for producing an image on a receiving substrate in a printing apparatus, comprising the steps of:
 - a. imagewise applying liquid ink to a first side of the receiving substrate;
 - b. subsequently transporting the receiving substrate along a

first substantially straight portion;

c. subsequently transporting the receiving substrate along a first convex curve while actively drying the receiving substrate;

d. subsequently transporting the receiving substrate along a second substantially straight portion;

e. subsequently transporting the receiving substrate along a second convex curve while actively drying the receiving substrate.

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